

Homogeneous Assays for Tyrosine Kinase and Tyrosine Phosphatase Discourse Fragment Complementation

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Poolsh pyonish kinatas und plocphalaus control sev-estaciturespoiss anduding govoling produktasion and ultremitation. We sport a hemogeneous, non-totopo association of polaricalisms EFF to carect infiliation of pyonio bases and dynatise placephases activity, in this forms, includes a popular to guideclables, enzyma ac-cition strave, include of an Ebrochipated peptids to a minibary holding componentation, withs unlaused or peptid alphaces the Econophase. This sensits in in-creased it glancisms componentation, withs unlaused quantify supplies the Econophase a lacked quantify supplies the Consequence of the Con-trol of of t

Hilliamiss¹⁴⁴ tytosine Minax settly has been developed to measure schiptly of the human intumin receptlos, EGF receptly finds and 80 c (EG₁₀, * 2.8 mis, 4.4 mis and 4.9 mis transpillary). Hilliamiss "tytosine pinophasias ectivity was measured similarity using PTP 10 minyrine (EG₂₀, * 6 dmis, Assay parliamisses characterities (E× 0.5 Gz, 7.0 e.9 %) and a simple two step activity missing the set of the protection of th

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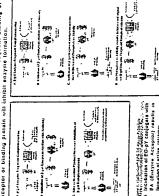
Flucionis (Philopia editical dollar dellaria signal trans-duccino paliverse involved in the oppulation of many ladopical metophasian. Potesta postavi inter estabytes to or deposition-picalization of prospripopulation than recently on action of pro-cello. Heavest, Potesta postavi ordering dellaria estaba processaria one no basis for the opposition of the opposition-palaria one for the establishment of deleting and ordering ordering many for the establishment of the opposition of the historic see no impectation for the opposition of develop-The Hillfunier WEFC Tytosine Kinase and Tytosine Phos-phuses a serys as coloni, feature assay administed object included for Information exceeded. The EFC assay dail form provides a robin and homogeneous missidadopy for the discissor of proutin prospinosystem and eigenstrophene of virtuals and single for all typical properties. The Hillhunder WEFC pullions leabures the flexibility reseted to might incompipul screening with the discoping seasy characteristics.

- Single well assay

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- Pares 2 (nature) PU 12 45125 Philosola orace with the control of the second control of the A. Same as full tentain EFC assay principle
 - B Brading of anti-phuspholyrosave antibody to the ED-pY conjugate prevents furmation of active entyme. C in the presence of Americ reaction products, competition for binding alter leads to an increase of the ED.py
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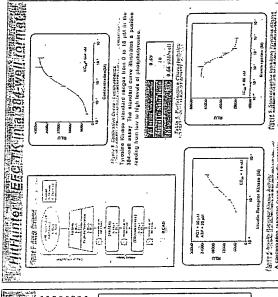


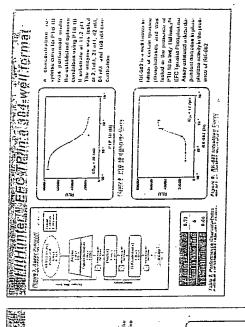
Figure 4 through Progrees (Figure 4 cityling sectors).

A concentation in register care of in rinding component in the component in register components. The state was time easily by the addition of ATP and PGT. The amount of interplecylated oppose was entitlessed in the a work with the progrees of the

Staurosporine la a potent kinaso inhibiliorand was lesson in the presence of IRK activity. Hithuniar" EFC Tyrosine Kinaso Assay exhibited a doso dopondent decrease in kinaso activity in the presence of staurosporine.



Inhibitors of tyroaine kinaso are often ATP compations.
The filt enzyme activity was measured in the presence of varying concentrations of ATP. The data exhibits into utility of Hitterintet¹⁴ EFC Tyroaine Kinase Assay over an ATP concentration range of 0.3 to 40 pild.



SUMMARY

- > Hilthunieriu EFC assays for Tyrosina Kinasa and Tyrosina Phosphaiasa havu Loan damonstrated with both chemituruhinasoani and ilincus6curi srubstritus in a simple two diep process that can be infinituited in a 344 well plate format.
 - Assay performance is axcellent with Z' factor of 0.5:0.7 and CVs of 6-8%.
- y Activity of numan insulin receptor, EGF receptor kinnse domains, and SRC can be measured with these assays.

CONCLUSION

The Hithuntor** EFC Tyrosine Kinaso and Tyrosine Phuspiniuse Assays can dolect into-plicytated und dephosphorytyphystad tyrosines as a usuali of unzyme roantions with no vesan Transfer stops and is assayed in the same well, making it highly suitable for LTFS screen-ing for kinaso and phosphalase imbibiors.